



# Product Bulletin

## WMO USP-190

White Mineral Oil, NF

Analysis	Test Method	Typical Values	Standard CofA
Color, Saybolt	ASTM D-156	+30	✓
Viscosity SUS @ 100°F	ASTM D-445	180-200 (190 typical)	✓
Viscosity cSt @ 40°C	ASTM D-445	37.3	✓
Appearance	Visual	Clear & Bright	✓
Specific Gravity 60/60°F	ASTM D-4052	0.864	✓
API Gravity	ASTM D-4052	32.27	✓
Density @60°F		7.203	✓
Flash Point, °F	ASTM D-92	430	✓
Pour Point, °F	ASTM D-97	5	✓
Readily Carbonizable Substances	USP	Pass	✓
Acidity	USP	Pass	✓
Solid Paraffins	USP	Pass	✓
Limit of Polycyclic Aromatic Hydrocarbons	USP	Pass	✓
Limit of Sulfur Compounds	USP	Pass	✓

Our White Mineral Oils contain less than 20 ppm dl-alpha tocopherol (Vitamin E).  
 CAS Number 8042-47-5: White Mineral Oil Revised 1/1/14



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Our operating philosophy is to think harder and walk farther always looking forward in response to our clients' and partners' needs. Let's move together to mitigate risk—Today.